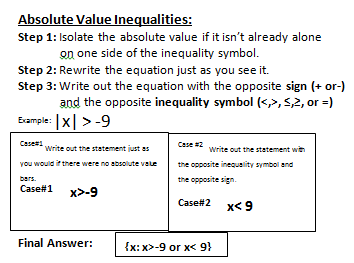
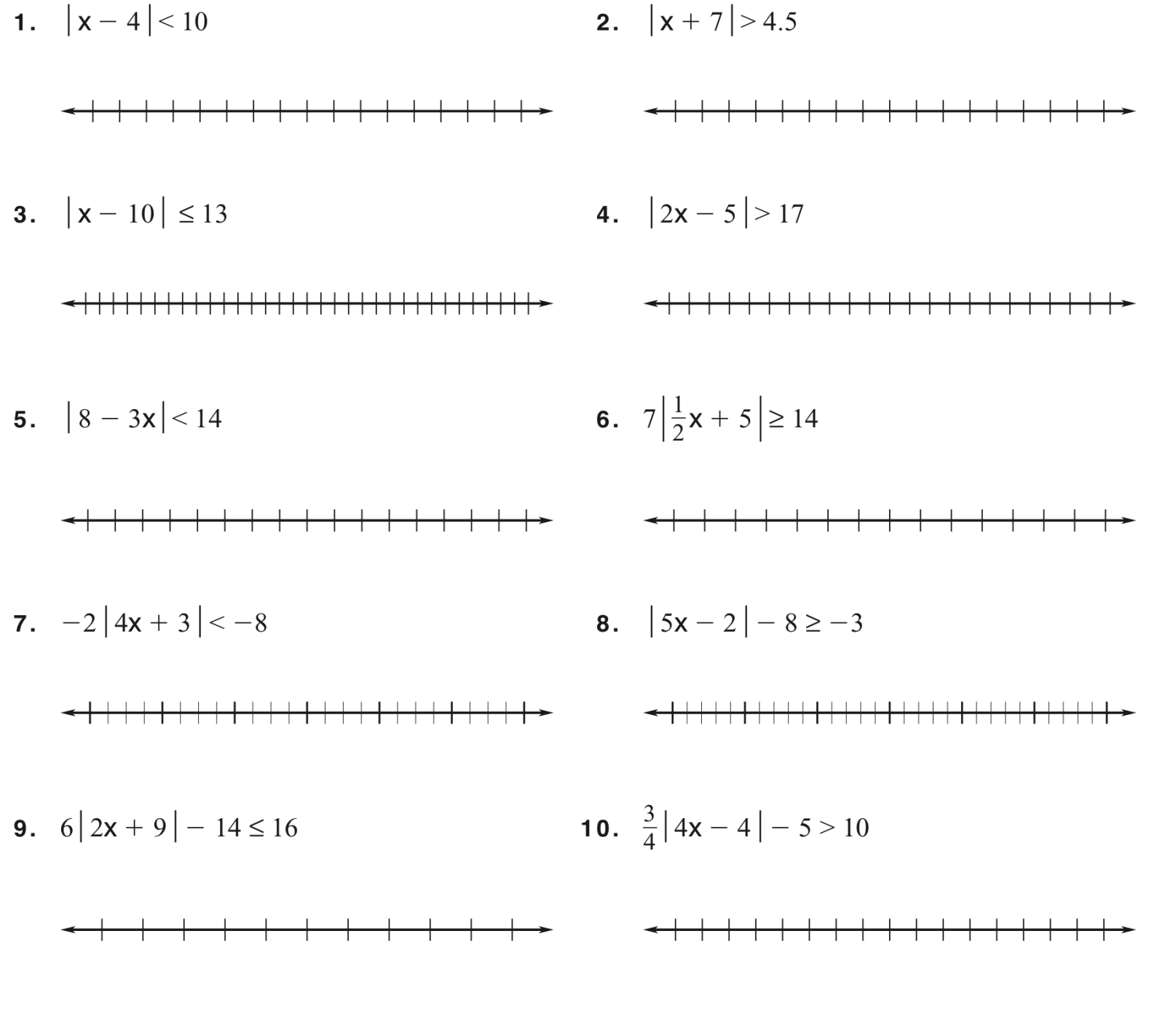
**Homework 7- FORM A Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Solve Absolute Value Inequalities Period: \_\_\_\_\_\_\_\_ Advisor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Directions:** Show all work and write in complete sentences.

**Write your answer as a solution set !**EX for “or”: {x > 5 or x < -1} ; For “and”: { -2 < x < 5} or {x > -2 and x < 5}





|  |  |
| --- | --- |
| 9) Which inequality would have a  solution set that looks like    **A.**  **B.**  **C.**  **D.** | 10) Which number line represents the ***\*Multiply\****  solution set to ? |
| 11) The solution set to an absolute value inequality may look like which of the following?    **A.**I & II **B.**III & IV **C.** I & III **D.** All 4 are solutions | 12) What is the solution set of ?  **A.**  **B.**  **C. {** or }  **D. {** or } **E**. **{** or } |

|  |  |  |
| --- | --- | --- |
| 13) Plot the given points in the coordinate plane. Determine whether the line segments names are congruent. | 14) Determine whether the point  A(1, 6) is on the line of the equation  y = 4x + 2. | 15) Write  in slope intercept form.  A)  B)  C)  D)  E) |
| 16) Identify the slope of the line: | 17) Which one of the following equations represents a line in slope-intercept form with a slope of 1 and passing through point (-3,2)? | 18) Name 3 rays in the figure below:  *M* |
| 19)    **\*REMEMBER\***  *Segment-Addition Postulate* | 20)   1. AB 2. AD 3. EA | |

